

**REMARKS**

The subject invention relates to a prism used for turning the path of a beam of radiation through 90 degrees. The prism is designed to turn the beam by total internal reflection. In addition, the prism is designed so that the beam both enters and exits the prism at Brewster's angle thereby minimizing losses at both interfaces.

In the Office Action, the Examiner noted typographical errors at page 4 of the specification and in claim 10. These errors have been corrected. In addition, it was noted that some of the dependent claims were incorrectly cast as either method claims or apparatus claims. These claims have been corrected.

In the Office Action, the Examiner otherwise allowed claims 1- 10. In addition, the Examiner rejected claim 11 as being anticipated by Marchant (4,759,616).

The patent to Marchant also relates to a prism for turning a radiation beam by 90 degrees using total internal reflection within the prism. Marchant teaches that the prism should be positioned so that the beam enters the prism at Brewster's angle. However, and contrary to the Examiner's statement, the beam does not exit the prism at Brewster's angle. Rather the beam exits the prism perpendicular to the exit face. This is true for each of the embodiments shown in Figures 2 through 7 of Marchant.

Applicants' invention, as defined in claim 11, specifies that the beam of radiation both enters and exits the prism at Brewster's angle. By this arrangement, losses that occur at both interfaces can be minimized. The disclosure in Marchant does not hint or suggest a turning prism with these attributes. Accordingly, it is submitted that claim 11 is neither anticipated nor rendered obvious by Marchant.

Applicants have added new claims 12 to 22. Claim 17 is an independent apparatus claim which corresponds to method claim 11 and is believed patentable for the reasons set forth above. Dependent claims 12 to 16 and 18 to 22 have subject matter taken from the original claims and do not introduce any new matter.

Based on the above, it is respectfully submitted that the all of the pending claims define patentable subject matter and allowance thereof is respectfully requested.

Respectfully submitted,

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